Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 07 Oct 2022 until 23:59 on Saturday 08 Oct 2022

Forecast Issued on Thursday 06 Oct 2022 at 15:42

Confidence: High for general developments. Medium for cloud details.

Headline for Friday 07 Oct 2022: Wet and windy morning, becoming brighter with showers during the afternoon.

Mountain weather hazards on Friday 07 Oct 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain	Heavy Rain	Heavy Rain	Heavy rain showers	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
10%	20%	60%	60%	70%	50%	30%	20%

Forecast for Friday 07 Oct 2022

Weather: Mainly dry during the early hours, but patchy cloud possible over the highest tops. Outbreaks of rain developing from dawn, the rain turning heavy and persistent during the morning, before giving way to brighter conditions with occasional showers through the afternoon. Small risk of hail and thunder. Early gales then strong winds over the top with a significant wind chill. Showers continuing in the evening but becoming more scattered with clearer spells.

Chance of cloud-free hill tops above 600m: 20 to 40% much of the morning, becoming 80% during the afternoon, although cloud lowering in any showers.

Low cloud and visibility: Cloud extensive, base 600m with patches to 300m during the morning, lifting and breaking above the tops in the afternoon, although lowering significantly in any showers. Visibility moderate or poor in rain, very poor at height, becoming mainly very good during the afternoon, but much lower in showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 07 Oct 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	32/43 SW	32/43 SW	32/43 SW	34/45 SW	21/29 SW	22/30 W	22/31 W	19/27 W	19/27 W
300	24/35 SW	23/34 SW	25/36 SW	26/37 SW	14/22 SW	16/25 W	15/23 W	13/21 W	14/23 W
Valley	14/33 SW	13/31 SW	15/33 SW	17/36 SW	9/20 SW	12/25 W	11/25 W	8/20 W	9/22 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/4	9/4	9/4	10/5	8/4	8/4	7/2	6/1	5/1
300	11/8	11/7	11/7	12/8	10/8	11/8	9/6	8/5	8/4
Valley	12/9	12/9	11/9	13/10	11/9	12/9	10/7	9/7	8/6
Freezing Level*	1900m	1900m	2000m	2100m	1800m	1600m	1500m	1400m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some uncertainty on the exact timing of rain clearing to brighter, showery conditions.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 06 Oct 2022	1.8mm	31.2mm	32.4mm

Forecast for Saturday 08 Oct 2022

Weather: Mainly dry and bright with occasional sunny spells, perhaps an isolated light shower. Moderate or fresh westerly winds over the tops.

Maximum wind: West 15 to 20 gusting 30mph.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Occasional or extensive cloud above the tops. Visibility very good.

Temperature: **Valleys:** Plus 6 rising to 15 Celsius
At 600m: Plus 4 to 8 Celsius
Freezing level: Above the summits

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